

**Cornell University, Office of Sponsored Programs**

**Awards Received in August 2025**

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
Antolinez Delgado, Carlos	CALS Hudson Valley Laboratory	New York Wine and Grape Foundation	EVALUATING VISUAL CUES TO DESIGN A TRAP-AND-KILL DEVICE TO CONTROL SPOTTED LANTERNFLY	182538	\$22,970
Antonyak, Marc	Molecular Medicine	HHS -> PHS -> NIH -> NIH National Cancer Institute	METABOLIC REGULATION OF EXOSOME BIOGENESIS AS A DETERMINANT OF CANCER CELL METASTASIS.	139328	\$41,744
Aukema, Brian	CALS Animal Science	Northeast Agricultural Education Foundation Inc	NYS LIVESTOCK AMBASSADOR PROGRAM	185884	\$5,000
Baskin, Jeremy	Weill Institute	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	SPATIOTEMPORAL CONTROL OF UBIQUITINATION BY PHOSPHOINOSITIDE-BINDING PROTEINS	140132	\$31,404
Bates, Terry	CALS School of Integrative Plant Science	New York Wine and Grape Foundation	OPTIMIZING FRUIT COLOR OF VINCENT AND IVES	170858	\$7,080
Bogdanove, Adam	CALS School of Integrative Plant Science	New York Wine and Grape Foundation	REDUCED SUSCEPTIBILITY TO POWDERY MILDEW BY PRECISION GENE EDITING	170006	\$30,000
Bonassar, Lawrence	Biomedical Engineering	Pleryon Therapeutics Limited	P001X BOUNDARY MODE LUBRICATION EVOLUTION THROUGH ITS PRECLINICAL DEVELOPMENT	173900	\$83,656
Bouklas, Nikolaos	Mechanical & Aerospace Engineering	DOE -> DOE National Nuclear Security Administration (Through: HONEYWELL -> NTESS -> Sandia National Laboratories)	MACHINE LEARNING MODELS OF SOLIDS	144576	\$20,000

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Bravo Nunez, Maria Angelica	Molecular Biology and Genetics	Howard Hughes Medical Institute	THE EFFECT OF MEIOTIC FACTORS IN PLOIDY DYNAMICS AND CELLULAR REJUVENATION	185379	\$183,022
Brock, Joel	Cornell Lab Accelerator Sciences & Ed	NSF -> NSF Directorate for Mathematical and Physical Sciences (Through: University of Puerto Rico)	CENTER FOR INTERFACIAL ELECTROCHEMISTRY OF ENERGY MATERIALS (CIE2M): ADVANCING THE PREM PATHWAY IN PUERTO RICO - NANOMATERIALS FOR SUSTAINABLE RENEWABLE ENERGY	172028	\$747,990
Bunea, Florentina	Department of Statistics & Data Science	NSF -> NSF Directorate for Mathematical and Physical Sciences	SOFTMAX MIXTURE ENSEMBLES FOR LEVERAGING LLM OUTPUT	181194	\$250,000
Butcher, Jonathan	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Heart, Lung, and Blood Institute	MECHANOBIOLOGY OF CARDIAC OUTFLOW TRACT MORPHOGENESIS	140985	\$69,461
Butcher, Jonathan	Biomedical Engineering	Howard Hughes Medical Institute	2023 GILLIAM APPLICATION - JONATHAN BUTCHER - ALEXANDER CRUZ	147171	\$12,000
Caddy, Sarah	Baker Institute	Gates Foundation (Through: PATH)	QUANTIFYING ROTAVIRUS ANTIBODIES IN SERUM SAMPLES	187341	\$11,926
Campbell, Romaine	Public Policy - Academic	Arnold Ventures LLC	EVALUATION OF A PILOT PROGRAM FOR HOUSTON POLICE DEPARTMENT COLD CASE REDUCTION (ID: 25-14777)	185822	\$100,000
Capiro, Natalie	CALS Biological & Environmental Engr	NSF National Science Foundation	CAREER: UNTANGLING THE IMPACTS OF MICROPLASTIC WEATHERING ON THE FATE AND TRANSPORT OF HALOGENATED ORGANIC COMPOUNDS	177090	\$558,556
Chattopadhyay, Eshan	Computer Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	AF:SMALL:NEW DIRECTIONS IN RANDOMNESS EXTRACTION	181596	\$597,125
Chen, Tianyi	Tech Research	NSF -> NSF Directorate for Engineering	COLLABORATIVE RESEARCH: BLOG: A BI-LEVEL OPTIMIZATION FRAMEWORK FOR LEARNING OVER GRAPHS	185546	\$250,002

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Chen, Tianyi	Tech Research	NSF -> NSF Directorate for Engineering	CAREER: DISTRIBUTED INTELLIGENCE IN FUTURE WIRELESS NETWORKS: FROM SYSTEM-AWARE LEARNING TO SYSTEM-LEARNING CO-DESIGNS	185479	\$459,202
Chen, Tianyi	Tech Research	NSF -> NSF Directorate for Computer and Information Science and Engineering (Through: Purdue University)	REPRESENTATION LEARNING VIA VARIATIONAL MEAN FIELD THEORY	185480	\$216,243
Coates, Geoffrey	Chemistry and Chemical Biology	United States Department of Energy (Through: DOE -> DOE Office of Science)	NEW ROUTES TO SUSTAINABLE POLYMERS ENABLED BY LEWIS ACID CATALYSIS	48719	\$600,000
Cohen, Itai	Lab. of Atomic & Solid State Physics	NSF -> NSF Directorate for Engineering	COLLABORATIVE RESEARCH: MECHANICAL PHASE TRANSITIONS ORGANIZING CARTILAGE FUNCTION	177306	\$420,000
Conway, Alex	Tech Research	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: CSR: MEDIUM: POINTER COMPRESSION: BRIDGING THEORY AND PRACTICE FOR HIGH-PERFORMANCE COMPUTING SYSTEMS	180028	\$333,333
Degaetano, Arthur	CALS Earth and Atmospheric Science	US DHS -> Federal Emergency Management Agency (Through: NYS -> New York State Department of Environmental Conservation)	NEW YORK STATE PROJECTED INTENSITY DURATION FREQUENCY (IDF)	181156	\$72,262
Deppe, Nils	Center Astrophysics-Planetary Science	NASA -> Ames Research Center (Through: Association of Universities for Research in Astronomy)	DECODING GENERAL RELATIVITY WITH NEXT-GENERATION NUMERICAL RELATIVITY WAVEFORMS	171801	\$148,028

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Dozier, Benjamin	Mathematics	The Simons Foundation Inc	GEODESICS AND COUNTING PROBLEMS ON FLAT SURFACES	185324	\$38,400
Duplais, Christophe	CALS Entomology	National Honey Board (Through: Project Apis m.)	EVALUATING THE EFFICACY OF A NOVEL ECO-FRIENDLY BIOPESTICIDE ON VARROA DESTRUCTOR	182955	\$42,986
Enns, Peter	Cornell Center for Social Sciences	Midwest Political Science Association	JOURNAL ARTICLE REPLICATION: AMERICAN JOURNAL OF POLITICAL SCIENCE (2025)	182807	\$55,000
Fatemi, Valla	Applied & Engineering Physics	NSF -> NSF Directorate for Mathematical and Physical Sciences	SQUEEZING OPTIMAL CONTROL FOR FAULT-TOLERANT BOSONIC OPERATIONS	180241	\$363,649
Feschotte, Cedric	CALS Molecular Biology & Genetics	HHS -> PHS -> NIH -> NIH National Institute of Allergy and Infectious Diseases	IMPACT OF TRANSPOSABLE ELEMENTS ON CIS-REGULATORY VARIATION IN T CELL ACTIVATION	164821	\$564
Feschotte, Cedric	CALS Molecular Biology & Genetics	HHS -> PHS -> NIH -> NIH National Eye Institute	TRANSPOSON CONTROL AS A CHECKPOINT DURING REGENERATION	144268	\$2,712
Florea, Cristina	History	EUROPA -> European Commission (Through: Universita Ca Foscari Venezia)	PARTNERSHIP AGREEMENT WITH CA' FOSCARI UNIVERSITY OF VENICE FOR THE PROJECT "TBR " MSCA FELLOW RAZVAN DUMITRU	186597	\$16,500
Fromme, Chris	Weill Institute	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	DISCOVERY AND CHARACTERIZATION OF A NOVEL FAMILY OF GTPASE ACTIVATING PROTEINS	169075	\$1,284
Fuchs, Gregory	Applied & Engineering Physics	NSF -> NSF Directorate for Mathematical and Physical Sciences	UNDERSTANDING QUANTUM DEFECTS IN GAN	180953	\$446,173

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Fulton, Patrick	Earth & Atmospheric Sciences	NSF National Science Foundation (Through: The Trustees of Columbia University in the City of New York)	U.S. SCIENCE SUPPORT PROGRAM OFFICE ASSOCIATED WITH THE INTERNATIONAL OCEAN DISCOVERY PROGRAM (USSSP-IODP) - SHORE BASED	177693	\$81,389
Galelli, Stefano	Civil & Environmental Engineering	The World Bank Group	HYDROECONOMIC MODELING UNDER UNCERTAINTY FOR AMU AND SYR DARYA BASINS	185289	\$149,999
Gerling, Chris	CALS Food Science	New York Wine and Grape Foundation	VERAISON TO HARVEST NEWSLETTER	70812	\$23,000
Gerson, Jacqueline	CALS Biological & Environmental Engr	NSF -> NSF Directorate for Geosciences	LONG-TERM PATTERNS AND DRIVERS OF TRACE AND ULTRATRACE ELEMENTS IN BOREAL STREAMS	181888	\$812,484
Goggs, Robert	Clinical Sciences	Boditech Med Inc	EVALUATION OF THE BODITECH VET CHROMA CANINE PROCALCITONIN (CPCT) ASSAY IN DOGS WITH SEPSIS	180103	\$7,451
Gold, Katie	CALS School of Integrative Plant Science	New York Wine and Grape Foundation	PREPARING THE NEW YORK GRAPE INDUSTRY FOR A FUTURE WITHOUT BROAD-SPECTRUM FUNGICIDES	181887	\$30,418
Gonzalez, Azahara	Neurobiology and Behavior	HHS -> PHS -> NIH -> NIH National Institute of Mental Health	NEURAL DYNAMICS UNDERLYING BRAIN STATE-DEPENDENT MEMORY FUNCTIONS	173824	\$3,752,870
Gordon, Swanne	CALS Ecology & Evolutionary Biology	American Society of Naturalists	UNDER PRESSURE: ADAPTATION OF OPSIN PROTEINS TO HIGH HYDROSTATIC PRESSURE	187223	\$2,000
Gore, Michael	CALS School of Integrative Plant Science	Schlumberger Foundation Inc	FACULTY FOR THE FUTURE PROGRAM	163517	\$50,000
Goyal, Tanya	Computer Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: RI: SMALL: EVALUATION CONCEPTS FOR ASSESSING AND IMPROVING LARGE LANGUAGE MODELS	174084	\$300,000

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Graef, Martin	CALS Molecular Biology & Genetics	HHS -> PHS -> NIH -> NIH National Institute on Aging	SYSTEM-WIDE AND MECHANISTIC DECONVOLUTION OF AUTOPHAGY IN CELLULAR AGING	179100	\$2,208,503
Han, Chun	Weill Institute	HHS -> PHS -> NIH -> NIH Office of the Director	MAGIC TOOLS FOR GENOME-WIDE MOSAIC ANALYSIS WITH EXISTING DROSOPHILA RESOURCES	138645	\$140,214
Harman, Rebecca	Baker Institute	HHS -> PHS -> NIH -> NIH National Cancer Institute	THE MAMMARY CELL SECRETOME AS A NOVEL BIOLOGIC FOR TRIPLE-NEGATIVE BREAST CANCER	152471	\$22,020
Hedrick, Brandon	Biomedical Sciences	NSF -> NSF Directorate for Biological Sciences (Through: Bridgewater State University)	RAMP: TRAINING THE NEXT GENERATION OF INTERDISCIPLINARY SCIENTISTS TO COLLABORATIVELY ADDRESS SPECIES RESPONSES TO CLIMATE CHANGE WITH SPARCNET	176307	\$49,100
Helbling, Elizabeth	Electrical & Computer Engineering	DOD -> DOD Defense Advanced Research Project Agency	JELLYBOTS- JELLYFISH WITH INTEGRATED SOFT AND FLEXIBLE SENSORS AS BIOBOTS	185764	\$233,586
Hewson, Ian	CALS Microbiology	NSF National Science Foundation	COLLABORATIVE RESEARCH: UNRAVELING PARASITE, HOST, AND ENVIRONMENTAL DRIVERS OF DIADEMATIDAE SCUTICOCILIATOSIS, A GLOBALLY SIGNIFICANT MARINE DISEASE	183349	\$351,696
Hoffstaetter de Torquat, Georg	Cornell Lab Accelerator Sciences & Ed	United States Department of Energy (Through: University of New Mexico)	COMPLEMENTARY INNOVATIVE METHODS FOR STUDYING ELECTRON POLARIZATION IN STORAGE RINGS	172473	\$188,000
Hu, Fenghua	Weill Institute	HHS -> PHS -> NIH -> NIH National Institute of Neurological Disorders and Stroke	FUNCTION OF TMEM106B IN NEURODEGENERATION	92890	\$49,711

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Hua, Jian	CALS School of Integrative Plant Science	NSF -> NSF Directorate for Biological Sciences	COLLABORATIVE RESEARCH: DEFINING ROLES OF CALCIUM EFFLUX PUMPS IN MODULATING CALCIUM SIGNALING IN PLANTS	178194	\$600,000
Huson, Heather	CALS Animal Science	The Farmers Dog Inc	GERIATRIC LONGEVITY AND HEALTH COMPARISON BETWEEN FRESHLY COOKED COMPLETE AND BALANCED FOOD VERSUS COMMERCIAL KIBBLE	161628	\$507,334
Jackson, Mark	Law School Research	The Miami Foundation	THE LEGAL CLINIC FUND FOR LOCAL NEWS-LOCAL JOURNALISM PROJECT - RENEWAL	188356	\$250,000
Jackson, Mark	Law School Research	John S. And James L. Knight Foundation, Inc.	KNIGHT FOUNDATION RENEWAL	179051	\$1,600,000
Jiang, Shaoyi	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute of Allergy and Infectious Diseases	DEVELOPMENT OF LIPID NANOPARTICLES FOR EFFECTIVE ENDOSOMAL ESCAPE	179398	\$1,995,529
Joachims, Thorsten	Computer Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: III: MEDIUM: DESIGNING AI SYSTEMS WITH STEERABLE LONG-TERM DYNAMICS	147394	\$7,000
Johnson, Elizabeth	CALS Nutritional Sciences	Howard Hughes Medical Institute	FREEMAN HRABOWSKI SCHOLARS PROGRAM	157745	\$18,750
Just, David	Dyson - Sponsored Activity	GSA -> GSA Office of Evaluation Sciences	IPA WITH THE OFFICE OF EVALUATION SERVICES	188454	\$93,000
Kalantari, Saleh	Human Centered Design	National Aeronautics and Space Administration (Through: DigitalFish Inc)	OPENUSD + INTERACTIVITY FOR XR EXPERIENCE - STTR PHASE I	172902	\$46,607
Kim, Eunah	Lab. of Atomic & Solid State Physics	NSF National Science Foundation	AI-MATERIALS INSTITUTE (AI-MI)	172471	\$20,000,000

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Leuenberger, Christine	Science and Technology Studies	NSF -> NSF Directorate for Social, Behavioral and Economic Sciences	IPA-PROGRAM DIRECTORSHIP FOR SCIENCE AND TECHNOLOGY STUDIES	146001	\$18,569
Levitt, Diane	K-12 Education	Robin Hood Foundation (Through: Playlab Education Inc)	AI + COMPUTATIONAL THINKING EDUCATOR COHORT FOR NYC (ROBINHOOD GRANT 20252026)	186681	\$50,000
Lewis, Neil	CALS Communication	US Department of Health and Human Services (Through: NYS -> New York State Office of Children and Family Services)	EVALUATING NEW YORK STATE EARLY CHILDHOOD PROGRAMS AND POLICIES	185888	\$1,694,600
Lewis, Thomas	Office of the Graduate School	NSF -> NSF Directorate for STEM Education	GRADUATE RESEARCH FELLOWSHIP PROGRAM (GRFP)	141748	\$14,936,164
Lin, Song	Chemistry and Chemical Biology	Bristol-Myers Squibb Company	JOHN PUTZIGER, BMS GRADUATE FELLOWSHIP IN ORGANIC CHEMISTRY	186750	\$39,000
Litwin, Adam Seth	Department of Global Labor and Work	Washington Center for Equitable Growth	BRINGING WORKER VOICE INTO THE DEVELOPMENT, DESIGN, AND USE OF AI: A CASE STUDY OF THE LABOR MANAGEMENT PARTNERSHIP AT KAISER PERMANENTE	183347	\$70,000
Liu, Rui	CALS Food Science	Inner Mongolia Yili Industrial Group Company Ltd	CONSUMPTION OF MILK AND DAIRY PRODUCTS ON RISK OF CARDIOVASCULAR DISEASE AND HYPERTENSION: A SYSTEMATIC REVIEW	184839	\$67,500
Loeb, Gregory	CALS Entomology	New York Wine and Grape Foundation	EVALUATING CANDIDATE REPELLENTS FOR SPOTTED LANTERNFLY	182049	\$21,242
Londo, Jason	CALS School of Integrative Plant Science	New York Wine and Grape Foundation	TRACKING GRAPEVINE COLD HARDINESS ACROSS NEW YORK; 2022-2023	143117	\$20,000
Londo, Jason	CALS School of Integrative Plant Science	New York Wine and Grape Foundation	UNDERSTANDING BERRY RIPENING DYNAMICS OF VINIFERA AND HYBRID GRAPEVINES IN NEW YORK	182496	\$21,500



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Lujan, Marla	CALS Nutritional Sciences	HHS -> PHS -> NIH -> NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development	ARTIFICIAL INTELLIGENCE FOR THE AUTOMATED DETECTION OF POLYCYSTIC OVARY SYNDROME ON ULTRASONOGRAPHY	173980	\$453,157
MacMartin, Douglas	Mechanical & Aerospace Engineering	NSF -> NSF Directorate for Engineering	DESIGNING MARINE CLOUD BRIGHTENING TO MEET CLIMATE OBJECTIVES	176066	\$392,649
Maille, Alexa	Bronfenbrenner Ctr for Translational Rsch	NYS -> New York State Department of Agriculture and Markets	2025 NEW YORK STATE FAIR: 4H CORNELL COOPERATIVE PROGRAM, CONSUMER FAMILY SCIENCE AND ENVIRONMENTAL EDUCATION PROGRAM, ANIMAL SCIENCE PROGRAM, NYS 4-H STAFF FOR THE 2025 FAIR.	188838	\$38,339
Maille, Alexa	Bronfenbrenner Ctr for Translational Rsch	NYS -> New York State Department of Agriculture and Markets	4H CORNELL COOPERATIVE PROGRAM, COLLEGE OF AGRICULTURE AND LIFE SCIENCES, 4H HORSE EQUINE EDUCATION EXHIBIT DURING THE 2025 NYS FAIR	188864	\$2,338
McArt, Jessica	Population Medicine & Diagnostic Science	DOD -> Naval Medical Research Center (Through: Henry M Jackson Foundation for the Advancement of Military Medicine Inc)	PILOT STUDY OF ANTIBODY PRODUCTION IN COWS	140884	\$60,202
McColley, Campbell	Biomedical Engineering	NSF -> NSF Directorate for STEM Education	POSTDOCTORAL FELLOWSHIP: STEMEDIPRF: REAL-WORLD LEARNING IN ENGINEERING: CASE STUDIES OF UNIVERSITY PARTNERSHIPS WITH WASTEWATER TREATMENT FACILITIES	187417	\$360,116
Meredith, Gen	Public and Ecosystem Health	HHS -> PHS -> Centers For Medicare and Medicaid Services (Through: United Hospital Fund of New York)	NYS 1115 WAIVER REGIONAL CONVENING SUPPORT - CENTRAL NY	188412	\$142,470

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Meredith, Gen	Public and Ecosystem Health	HHS -> PHS -> Centers For Medicare and Medicaid Services (Through: United Hospital Fund of New York)	NYS 1115 WAIVER REGIONAL CONVENING SUPPORT - SOUTHERN TIER	188387	\$142,470
Michener, Jamila	Public Policy - Academic	Robert Wood Johnson Foundation	ARCHS FUNDING FOR CENTER FOR RACIAL JUSTICE AND EQUITABLE FUTURES	186237	\$499,999
Michener, Jamila	Government	Robert Wood Johnson Foundation	HEALTH POLICY RESEARCH SCHOLARS COHORT NINE - 2025	187424	\$124,000
Monticone, Francesco	Electrical & Computer Engineering	United States-Israel Binational Science Foundation	ADVANCING BROADBAND NEAR-FIELD ELECTROMAGNETIC WAVE ABSORBERS THROUGH TIME-VARIANT AND NONLOCAL DESIGN	181013	\$163,000
Moraru, Carmen	CALS Food Science	Dairy Management Inc	A HIGH PRESSURE PROCESSING MANUFACTURING STRATEGY TO PRODUCE LONG SHELF-LIFE YOGURT WITH ACTIVE PROBIOTICS AND ENHANCED IMMUNE ATTRIBUTES	187225	\$185,534
Niederdeppe, Jeff	Communications	Dohmen Company Foundation Inc	RAPID RESPONSE PUBLIC OPINION AND MESSAGING RESEARCH ON ULTRA PROCESSED FOODS	185273	\$106,000
Nwosu, Zeribe	CALS Molecular Biology & Genetics	HHS -> PHS -> NIH -> NIH National Cancer Institute	DISRUPTING GLUTATHIONE DEPENDENCY IN PANCREATIC CANCER	167179	\$24,899
Oravec, Madeline	CALS School of Integrative Plant Science	New York Wine and Grape Foundation	DEVELOPMENT OF RESILIENT AND HIGH-QUALITY WINE GRAPE VARIETIES	171670	\$37,257
Orr, David	CALS Biological & Environmental Engr	DOT -> Federal Highway Administration (Through: NYS -> New York State Department of Transportation)	NEW YORK STATE LOCAL TECHNICAL ASSISTANCE PROGRAM (NYS LTAP)	185216	\$2,221,963

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Pawlowski, Wojtek	CALS School of Integrative Plant Science	Meiogenix	DEVELOPMENT OF METHODS TO CONTROL RECOMBINATION IN MAIZE	89254	\$26,690
Pender, Jamol	Operations Research & Information Engr	University of Chicago	PROBABILISTIC MODELINGS OF ALGORITHMIC EMBEDDINGS	181503	\$35,232
Pennell, Matt	Computational Biology	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	LEVERAGING PHYLOGENETIC APPROACHES TO INVESTIGATE THE EVOLUTION OF GENE EXPRESSION	185179	\$1,491,200
Peters, Joe	CALS Microbiology	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	CRISPR-CAS-DIRECTED TRANSPOSITION IN TN7-LIKE ELEMENTS	146297	\$37,352
Phillips Russo, Jennifer	CALS Cornell Cooperative Extension	New York Wine and Grape Foundation	INCREASING THE RELIABILITY AND SCOPE OF NEWA WEATHER AND PEST MODEL INFORMATION IN THE LAKE ERIE REGION	83820	\$32,000
Phillips Russo, Jennifer	CALS Cornell Cooperative Extension	New York Wine and Grape Foundation	EVALUATING OSMOTIC PROTECTANT, GLYCINE BETAINE, AS A MULTIFACETED APPROACH TO ENHANCE GRAPEVINE STRESS TOLERANCE AND PRODUCTIVITY	170860	\$20,000
Rangarajan, Anu	CALS School of Integrative Plant Science	American Farmland Trust	FUTURO IN AG	185001	\$25,000
Rathbun, Julie	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration	USING IRTF DATA TO UNDERSTAND THE LONG-TERM BEHAVIOR OF IO'S ACTIVE VOLCANOES: COMPARISONS TO JUNO	179580	\$469,331
Reesink, Heidi	Clinical Sciences	Grayson-Jockey Club Research Foundation Inc	IMMUNE CELLS IN EQUINE OA AND RESPONSE TO THERAPEUTICS	180131	\$5,000
Roeder, Adrienne	Weill Institute	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	MECHANISMS OF ROBUSTNESS IN ORGANOGENESIS	169619	\$2,141,010

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Romay, Cinta	Institute Biotechnology & Life Science	Foundation for Food & Agriculture Research	CERCA: ON-FARM NITROGEN RECYCLING	186492	\$4,000,000
Sacks, Gavin	CALS Food Science	New York Wine and Grape Foundation	EXPANDING THE RANGE OF RAPID ANALYSIS APPROACHES TO SEMI-POLAR VOLATILES AND NON-VOLATILE PRECURSORS IN GRAPES	138565	\$91,281
Sacks, Gavin	CALS Food Science	New York Wine and Grape Foundation	DEFINING MAXIMUM RECOMMENDED LIMITS FOR SPOTTED LANTERNFLY CONTAMINATION OF GRAPES TO AVOID SENSORY ISSUES IN WINES AND JUICES	182169	\$59,966
Sacks, Gavin	CALS Food Science	New York Wine and Grape Foundation	TIME-TEMPERATURE DEPENDENCE OF OFF-AROMAS, CORROSION, AND LINER DEGRADATION IN CANNED WINES	181734	\$75,000
Schaffer, Chris	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute on Aging	METABOLIC AND NEURAL ACTIVITY NORMALIZATION BY CEREBRAL BLOOD FLOW INCREASE IN AD/ADRD MODELS	145265	\$89,443
Schryver, Tom	Center for Regional Economic Advancement	IBERDROLA -> AGR -> New York State Electric and Gas Company	REV HARDWARE PROTOTYPING- NYSEG AVANGRID	184345	\$25,000
Schuster, Jeremy	CALS Cornell Cooperative Extension	New York Wine and Grape Foundation	EVALUATION OF CABERNET FRANC CLONE AND ROOTSTOCK VITICULTURE AND WINE ATTRIBUTES SUITABLE FOR THE HUDSON VALLEY AVA.	171093	\$15,000
Shepherd, Robert	Mechanical & Aerospace Engineering	DOD -> DOD Defense Advanced Research Project Agency	MYCELIAL PERCEPTION SKINS FOR CONTROLLING LEGGED ROBOTS IN EXTREME ENVIRONMENTS	186283	\$299,999
Shmatikov, Vitaly	Tech Research	DOD -> DOD Defense Advanced Research Project Agency (Through: SRI International)	VERIWEIRD: FORMAL VERIFICATION OF WEIRD NETWORKS   PHASE 2	188885	\$450,604

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Silva, Alexandra	Computer Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: SHF: MEDIUM: PROBABILISTIC CONCURRENT OUTCOME LOGIC (PCOL) -- EXPRESSIVE SPECIFICATIONS FOR CONCURRENT RANDOMIZED PROGRAMS	179345	\$450,000
Silva, Alexandra	Computer Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	FMITF: TRACK I: AUTOMATED LEARNING OF QUANTITATIVE NETWORK MODELS (ALOFT)	183563	\$904,686
Snyder, Abigail	CALS Food Science	Dairy Management Inc	VALIDATING DRY FLUSHING AS A CONTROL MEASURE FOR CRONOBACTER SPP. IN MILK POWDER OPERATIONS	179860	\$249,997
Sosnoskie, Lynn	CALS School of Integrative Plant Science	New York Wine and Grape Foundation	INCREASING AUTOMATION FOR WEED AND SUCKER CONTROL	182358	\$19,422
Strong, Alexandra	Chemical & Biomolecular Engineering	NSF -> NSF Directorate for Engineering	COLLABORATIVE RESEARCH: ENGAGING ENGINEERING GRADUATE PROGRAM DIRECTORS IN SHIFTING THE DEFAULT TO TRAUMA-INFORMED FRAMEWORKS OF CARE	177786	\$98,501
Sun, Jennifer	Computer Science	NSF National Science Foundation (Through: NSF -> NSF Directorate for Computer and Information Science and Engineering)	COLLABORATIVE RESEARCH: III: MEDIUM: INTERPRETABLE SCIENTIFIC DISCOVERY WITH FOUNDATION MODEL PROGRAMS	179465	\$333,333
Sykes, Bryan	Public Policy - Academic	HHS -> PHS -> NIH -> NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development	HEALTH, MORTALITY, & AGING AMONG PEOPLE WITH CRIMINAL LEGAL SYSTEM CONTACT IN AMERICA	175956	\$30,000

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Tako, Elad	CALS Food Science	New York Wine and Grape Foundation	UPCYCLING GRAPE POMACE AS DIETARY ALTERNATIVE TO ANTIBIOTIC GROWTH PROMOTERS IN BROILER PRODUCTION	150962	\$50,000
Taylor, Angelique	Tech Research	HHS -> Administration For Community Living (Through: Joan and Sanford I Weill Medical College of Cornell University)	ENHANCING NEUROCOGNITIVE HEALTH, ABILITIES, NETWORKS & COMMUNITY ENGAGEMENT (ENHANCE II)	174141	\$66,138
Uyar, Tamer	Human Centered Design	New York Apple Association. Inc	EXTENDED SHELF-LIFE AND MICROBIAL SAFETY OF FRESH-CUT APPLES BY INNOVATIVE ACTIVE PACKAGING	188461	\$49,000
Vanden Heuvel, Justine	CALS School of Integrative Plant Science	New York Wine and Grape Foundation	INVESTIGATING VINEYARD DESIGNS TO FACILITATE SHEEP GRAZING	182518	\$13,329
Visioni, Daniele	CALS Earth and Atmospheric Science	GUK -> Advanced Research & Invention Agency (Through: Planetary Sunshade Foundation)	PLANETARY SUNSHADE BASELINE SURVEY	185069	\$116,267
Visioni, Daniele	CALS Earth and Atmospheric Science	CarbonPlan	CORNELL COLLABORATION WITH CARBONPLAN ON SRM DOWNSCALING	187144	\$100,000
Vogel, Gregory	CALS School of Integrative Plant Science	NSF -> NSF Office of International Science & Engineering	AI-ENGAGE: IMAGE-BASED PHENOTYPING AND MULTI-OMIC PREDICTION SCHEMES FOR HORTICULTURAL CROP IMPROVEMENT	182512	\$400,000
Walter-Peterson, Hans	CALS Cornell Cooperative Extension	New York Wine and Grape Foundation	EVALUATING VITICULTURAL CHARACTERISTICS OF NEW DISEASE-RESISTANT CULTIVARS FOR NEW YORK VINEYARDS	182343	\$20,000

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
Wang, Fei	Tech Instruction	NSF -> NSF Directorate for Computer and Information Science and Engineering (Through: Joan and Sanford I Weill Medical College of Cornell University)	COLLABORATIVE RESEARCH: III: MEDIUM: A CONSOLIDATED FRAMEWORK OF COMPUTATIONAL PRIVACY AND MACHINE LEARNING	176026	\$23,076
Wang, Ke	CALS Food Science	Dairy Management Inc	PERFUSION TO INCREASE CONVERSION EFFICIENCY OF GALACTO-OLIGOSACCHARIDES FROM LACTOSE-RICH DAIRY SIDE STREAMS	186928	\$180,490
Wang, Yadong	Biomedical Engineering	Howard Hughes Medical Institute	CATIA DOMBAXE GILLIAM FELLOWSHIP	176068	\$24,000
Wang, Yi	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute of Biomedical Imaging and Bioengineering (Through: Joan and Sanford I Weill Medical College of Cornell University)	CLINICAL SUMMER IMMERSION FOR BIOMEDICAL ENGINEERING PHD STUDENTS	145111	\$1,000
Washam, Peter	Center Astrophysics-Planetary Science	Heising-Simons Foundation	EXPOSING WINTERTIME ICE-OCEAN-ATMOSPHERE INTERACTIONS IN GREENLAND WITH IN-SITU OBSERVATIONS.	166982	\$150,000
Wolfner, Mariana	Molecular Biology and Genetics	HHS -> PHS -> NIH -> NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development	MALE X FEMALE PROTEIN INTERACTIONS MEDIATING REPRODUCTIVE SUCCESS IN THE DROSOPHILA MATING PLUG	157677	\$2,520

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
Wu, Mingming	CALS Biological & Environmental Engr	HHS -> PHS -> NIH -> NIH National Cancer Institute	MICROFLUIDIC PLATFORM FOR SOLID TUMOR MECHANICS AND INVASION / SUPP TITLE: IMPROVING CELL-BASED IMMUNOTHERAPY FOR SOLID TUMORS USING MECHANICAL MODULATION	138947	\$36,941
Xu, Chris	Applied & Engineering Physics	HHS -> PHS -> NIH -> NIH National Institute of Biomedical Imaging and Bioengineering	TOWARD FAST AND DEEP IMAGING OF LIVING TISSUE WITH CELLULAR RESOLUTION	140188	\$61,410
Yang, Yun	CALS School of Integrative Plant Science	Cargill Incorporated (Through: Openet Inc)	QUANTIFYING THE WATER BENEFITS OF REGENERATIVE AGRICULTURE	185701	\$150,000
Yu, Haiyuan	Weill Institute	HHS -> PHS -> NIH -> NIH National Cancer Institute	DEEP LEARNING BASED 3D NETWORK BIOLOGY KNOWLEDGE PORTAL FOR PRECISION ONCOLOGY	175413	\$1,214,056
Yu, Haiyuan	Weill Institute	HHS -> PHS -> NIH -> NIH National Institute on Aging	GENOME-WIDE IDENTIFICATION AND CHARACTERIZATION OF ALZHEIMER'S DISEASE-ASSOCIATED ENHANCERS	141199	\$64,485
Zhou, Xin	Mathematics	The Simons Foundation Inc	EXISTENCE AND RIGIDITY OF MINIMAL SURFACES	183328	\$38,400
Zhou, Xin	Mathematics	The Simons Foundation Inc	INVESTIGATION ON MINIMAL SURFACES AND GENERAL RELATIVITY	182476	\$42,000
Zipfel, Warren	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	FEMTO-SEQ: TARGETED PHOTO-BIOTINYLATION, PULLDOWN AND SEQUENCING OF LOCUS AND REGION-SPECIFIC DNA FROM FEMTOLITER VOLUMES WITHIN INDIVIDUAL CELLS	143498	\$32,002